

Claims

[c1] WHAT IS CLAIMED IS:

1. A vehicle light for motor vehicles, the vehicle light comprising:

at least one vehicle light housing configured to be arranged on an inner side of a vehicle part of the vehicle, wherein the vehicle part has at least one mounting opening for mounting the at least one vehicle light housing; at least one illumination element arranged in the at least one vehicle light housing;

wherein the vehicle light housing comprises a lens of light-transmissive material mounted in the at least one mounting opening such that an exterior side of the light-transmissive lens is flush with an outer side of the vehicle part;

a light-transmissive coating applied onto the exterior side of the lens, wherein the light-transmissive coating has a color matching a color of a coating of the vehicle part and wherein the light-transmissive coating has a thickness such that the lens when the at least one illumination element is switched off is invisible from the exterior of the vehicle and such that the lens allows light emitted by the at least one illumination element to pass

through when the at least one illumination element is switched on.

- [c2] 2. The vehicle light according to claim 1, wherein the vehicle part is a trunk lid of the vehicle.
- [c3] 3. The vehicle light according to claim 1, wherein the vehicle part is a rear hatch of the vehicle.
- [c4] 4. The vehicle light according to claim 1, wherein the vehicle part is comprised of light-opaque material.
- [c5] 5. The vehicle light according to claim 4, wherein the vehicle part is made of metal.
- [c6] 6. The vehicle light according to claim 1, wherein the vehicle part is comprised of plastic material.
- [c7] 7. The vehicle light according to claim 6, wherein the plastic material is a light-transmissive material.
- [c8] 8. The vehicle light according to claim 7, wherein the plastic material is coated with a coat of paint.
- [c9] 9. The vehicle light according to claim 1, wherein the vehicle part and the lens are comprised of light-transmissive plastic material.
- [c10] 10. The vehicle light according to claim 9, wherein the light-transmissive plastic material of the vehicle part and

the light-transmissive plastic material of the light-transmissive area are identical.

- [c11] 11. The vehicle light according to claim 1, wherein the lens has an edge, wherein between the edge of the lens and an edge of the mounting opening a gap is defined, and wherein the gap is covered.
- [c12] 12. The vehicle light according to claim 11, wherein the gap is covered from the outer side of the vehicle part.
- [c13] 13. The vehicle light according to claim 12, comprising a cover element connected to the outer side of the vehicle part, wherein the gap is covered by the cover element.
- [c14] 14. The vehicle light according to claim 13, wherein the cover element is an emblem or a symbol.
- [c15] 15. The vehicle light according to claim 13, wherein the cover element is light-opaque.
- [c16] 16. The vehicle light according to claim 14, wherein the vehicle part is at least partially light-transmissive in an area underneath the emblem.
- [c17] 17. The vehicle light according to claim 14, wherein the vehicle part is light-opaque in an area surrounded by the emblem.

- [c18] 18. The vehicle light according to claim 11, wherein the gap is covered from the inner side of the vehicle part.
- [c19] 19. The vehicle light according to claim 18, further comprising at least one sealing element, wherein the lens comprises at least one support part arranged at a spacing from the inner side of the vehicle part and configured to receive the at least one sealing element.
- [c20] 20. The vehicle light according to claim 19, wherein the at least one sealing element is an O-ring.
- [c21] 21. The vehicle light according to claim 19, wherein the at least one support part is an annular flange projecting radially from the lens.
- [c22] 22. The vehicle light according to claim 19, wherein the at least one vehicle light housing has a shoulder surface and wherein the at least one support part rests against the shoulder surface.
- [c23] 23. The vehicle light according to claim 1, wherein the lens is centered by the at least one vehicle light housing.
- [c24] 24. The vehicle light according to claim 1, further comprising at least one optical element positioned in a path of light rays emitted by the at least one illumination element.

[c25] 25. The vehicle light according to claim 24, wherein the at least one optical element is a Fresnel lens.

[c26] 26. A vehicle light for motor vehicles, the vehicle light comprising:
at least one vehicle light housing comprising a lens and configured to be arranged on an inner side of a continuous vehicle part of the vehicle, wherein the vehicle part consists of a light-transmissive material;
at least one illumination element arranged in the at least one vehicle light housing and emitting light through the lens;
a light-transmissive coating applied onto an outer side of the vehicle part, wherein the light-transmissive coating has a thickness in an area of the lens such that, when the at least one illumination element is switched off, the lens is invisible from the exterior of the vehicle and such that light emitted by the at least one illumination element pass through the coating when the at least one illumination element is switched on.

[c27] 27. A vehicle light for motor vehicles, the vehicle light comprising:
at least one vehicle light housing configured to be arranged on an inner side of a continuous vehicle part of the vehicle, wherein the vehicle part has perforation

openings filled with light-transmissive material in an area behind which the at least one vehicle light housing is arranged;

at least one illumination element arranged in the at least one vehicle light housing;

wherein light emitted by the at least one illumination element passes through the perforation openings when the at least one illumination element is switched on.

[c28] 28. The vehicle light according to claim 27, wherein the perforation openings are coated with a coating.

[c29] 29. The vehicle light according to claim 28, wherein the coating has a color that is identical to a color of a coating of the vehicle part.

[c30] 30. An exterior rearview mirror for motor vehicles, the exterior rearview mirror comprising:
a mirror base member;
a mirror head foldably connected to the mirror base member, wherein the mirror head has a mirror head housing;
a vehicle light arranged in the mirror head and comprising a lens and at least one illumination element so as to emit light through the lens;
wherein the mirror head housing in an area behind which the vehicle light is arranged consists of light-

transmissive plastic material and is coated with a coating, wherein the coating has a thickness in the area behind which the vehicle light is arranged such that, when the at least one illumination element is switched off, the lens is invisible from the exterior of the vehicle and such that light emitted by the at least one illumination element pass through the coating when the at least one illumination element is switched on.

- [c31] 31. An exterior rearview mirror for motor vehicles, the exterior rearview mirror comprising:
- a mirror base member;
 - a mirror head foldably connected to the mirror base member, wherein the mirror head has a mirror head housing with a mounting opening;
 - a vehicle light arranged in the mirror head and comprising a lens, wherein the lens is mounted in the mounting opening;
 - wherein the vehicle light comprises at least one illumination element so as to emit light through the lens;
 - wherein the lens has an outer side forming a uninterrupted continuation of an outer side of the mirror head housing;
 - wherein the lens has a coating on the outer side, the coating having a thickness such that, when the at least one illumination element is switched off, the lens is in-

visible from the exterior of the vehicle and such that light emitted by the at least one illumination element passes through the coating when the at least one illumination element is switched on.

[c32] 32. The exterior rearview mirror according to claim 31, wherein the coating of the lens has the same color as a coating of the mirror head.

[c33] 33. An exterior rearview mirror for vehicles, the exterior rearview mirror comprising:
a mirror base member having a mounting opening;
a mirror head foldably connected to the mirror base member;
at least one vehicle light arranged in the mirror base member and comprising a lens, wherein the lens is mounted in the mounting opening;
wherein the vehicle light comprises at least one illumination element emitting light through the lens;
wherein the lens has an exterior side forming an uninterrupted continuation of an outer side of the mirror base member;
wherein the lens has a coating on the outer side, the coating having a thickness such that, when the at least one illumination element is switched off, the lens is invisible from the exterior of the vehicle and such that light emitted by the at least one illumination element

passes through the coating when the at least one illumination element is switched on.

[c34] 34. The exterior rearview mirror according to claim 31, wherein the coating of the lens has the same color as a coating of the mirror base member.

[c35] 35. An exterior rearview mirror for motor vehicles, the exterior rearview mirror comprising:
a mirror base member;
a mirror head foldably connected to the mirror base member, wherein the mirror head has a mirror head housing;
at least one vehicle light fastened on an inner side of the mirror base member and comprising a lens and at least one illumination element so as to emit light through the lens;
wherein the mirror base member in an area of the lens consists of light-transmissive plastic material and is coated with a coating, the coating having a thickness in the area of the lens such that, when the at least one illumination element is switched off, the lens is invisible from the exterior of the vehicle and such that light emitted by the at least one illumination element passes through the coating when the at least one illumination element is switched on.